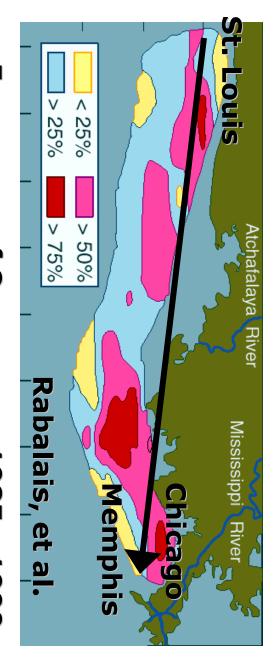
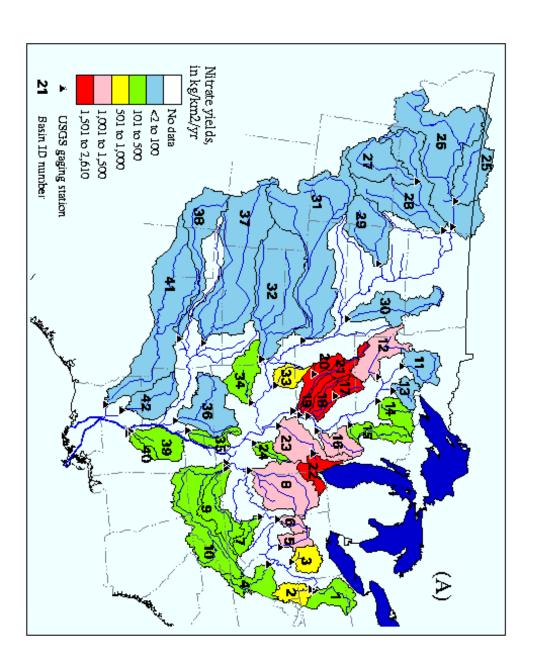


Extent of Hypoxia 3 the Gulf



Frequency of Occurrence 1985 1999



Nitrogen Uptake for Corn

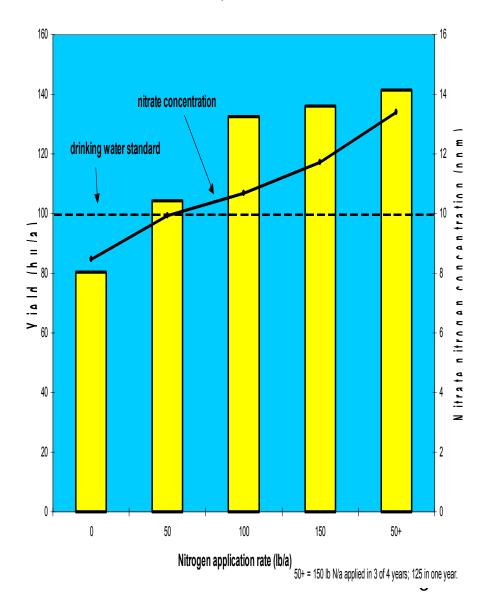
	lb N per acre
Grain (160 bushel per acre)	136
Stover (4.5 tons per acre)	70
Roots	34
Total	240

Water: 18" equals 4,000,000 lbs per acre

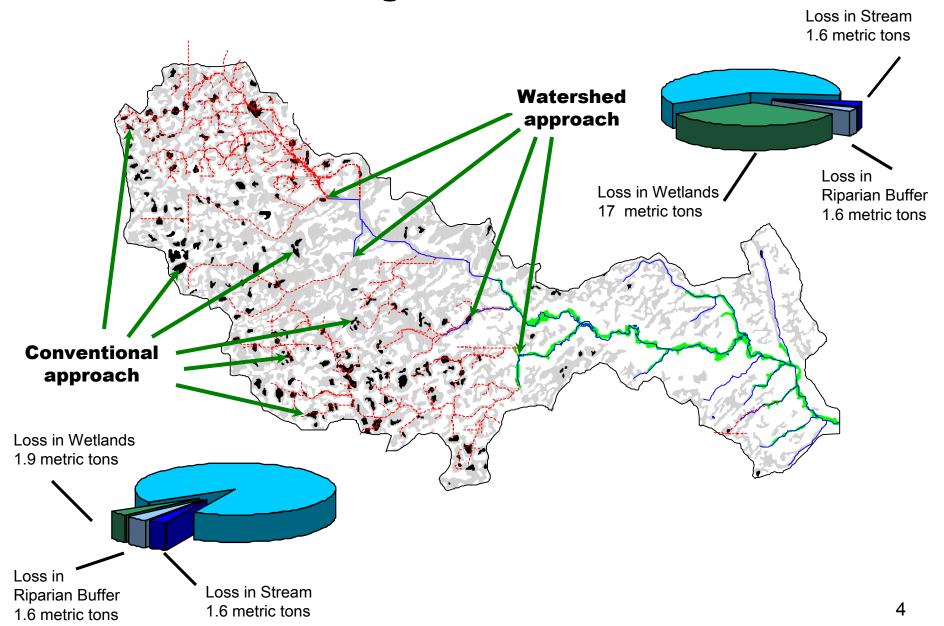
Average NO₃-N concentration of 60 mg/L

Baker 2001

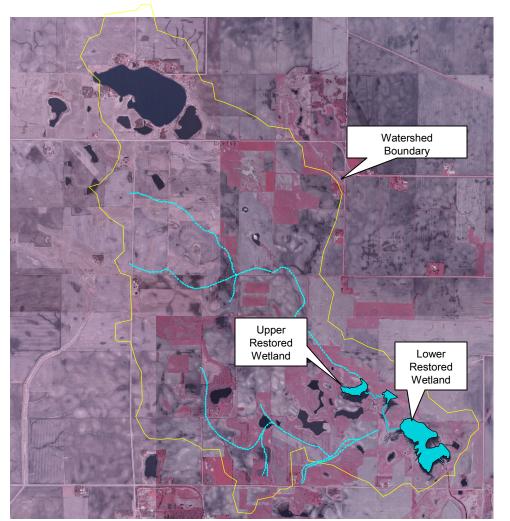
Corn Yield and Flow weighted Nitrate Nitrogen Concentration of Tile Water collected from a Corn/Soybean Rotation, 1990-93.



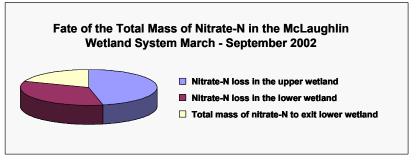
Annual Nitrate Budget



McLaughlin Wetland System 3080 Acre Watershed







Iowa CREP

- Federal Commitments:
 - Annual payment for 15 years
 - 150% of Soil Rental Rate
 - 50% cost-share
 - 40% Practice Incentive Payment
 - Maintenance payment
- State Commitments:
 - Additional 10% cost-share
 - One-time payment for 30-year or permanent easement
 - Water quality monitoring
 - Additional technical assistance

GIS Data Used in the Siting of Potential CREP Wetlands

